



ENVIROSAFE SERVICES OF OHIO, INC.

876 Otter Creek Road P.O. Box 167571 Oregon, Ohio 43616-7571

February 12, 1988

FEB 16 1988
RECEIVED

Mr. Gary Blasiman
Burns Cold Forge
9312 Arrow Rd., N.W.
Minerva, OH 44657

US EPA RECORDS CENTER REGION 5



466523

Re: D.O. 3789/Filter Press Sludge

Dear Mr. Blasiman:

Envirosafe Services of Ohio, Inc. is pleased to inform you that the material listed on your Application #4780 and referenced on the enclosed Disposal Order has been approved for shipment to our secure chemical landfill on Otter Creek Road in Oregon, Ohio. The material has been assigned the following Product Code Number (PCN): 1354B.

Be sure to include the PCN on each manifest, shipping paper or, if drums, stenciled on the top and side of each drum. The Product Code Number (PCN) should be included on all correspondence pertaining to the waste.

Bulk loads of less than six (6) trucks a day need not be scheduled. Bulk loads greater than six (6) trucks a day, all drum loads, landtreatment loads, loads requiring special handling, empty tanks, odd size equipment, etc., must be scheduled and must obtain an acceptance number from our Scheduling Dept. at 419-726-1521.

ESOI thanks you for your continued support in our efforts to provide high quality, low risk waste management services at a reasonable cost. We thank you very much for the opportunity to service your disposal requirements.

Very truly yours,

Gregory A. Ballmer
S.A.

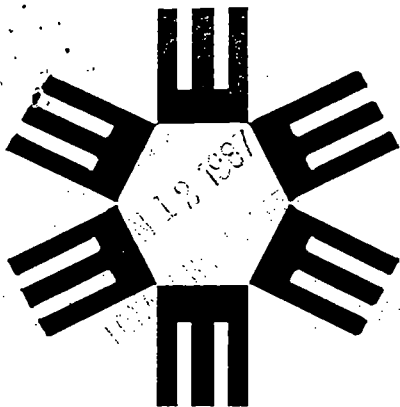
Gregory A. Ballmer
Customer Service Manager

GAB/sa

Enclosure

cc: James J. Princic

ACCEPTANCE OF WASTEWATER
treatment SLUDGE - FIRST
SHIPMENT WILL OCCUR
BY MID MAY 88



ENVIROSAFE SERVICES OF OHIO, INC.
876 OTTER CREEK RD. P.O. BOX 167571
OREGON, OHIO 43616-7571

Application for Acceptance of Waste Product

TELEPHONE (24 HOURS) 419-726-1521
TOLL FREE (INSIDE OHIO) 800-472-0414
TOLL FREE (OUTSIDE OHIO) 800-537-0426
U.S. EPA I.D. Number OHD045243706

SECTION A - GENERATOR DATA

1. Generator BURNS COLD FORGE
Address 9312 ARROW RD. NW.
City/State MINERVA OHIO ZIP 44657
Tech. Contact GARY BLASIMAN TEL 216 868-7795
2. County _____ 3. U.S. EPA IDENTIFICATION NUMBER
OH D 0 0 4 2 1 3 0 4 7
4. Billing/Broker SAME AS ABOVE
Address _____
City/State _____ ZIP _____
Billing Contact _____ TEL _____

Envirosafe Services Only
Application # 4780
PCN 1354B
CUST# 07003
☒ DIRECT ☐ ACES
☐ BILLING BROKER ☐ ESPI
Sales Zone Code 005
TAX ☐ YES ☒ NO
Acceptance Code B
Laboratory Test Code R
Update Analysis Code A

SECTION B - WASTE CHARACTERIZATION

Form 87-1

1. Common Name for This Waste: FILTER PRESS SLUDGE
2. Process Generating This Waste: WASTEWATER TREATMENT SYSTEM
SLUDGE FROM ZINC PHOSPHATE COATING LINE RINSE WATER
Annual Quantity: 20 YDS/month 1 ☐ Tons 2 ☒ Yards 3.1 _____ 3 ☐ Drums
4. Shipment Duration: _____ 5. Shipment Mode:
1 ☒ Permanent (1 Year or Longer) 1 ☒ Bulk 2 ☐ Palletized Boxes 3 ☐ Woven Cloth Bags 4 ☐ Metal Drums
2 ☐ Temporary (Less Than 1 Year) 5 ☐ Other: _____

SECTION C - PHYSICAL PROPERTIES

1. Describe Physical State at 70° F:
1 ☐ Dry Solid 2 ☒ Damp Solid 3 ☐ Semi-Solid / Gel 4 ☐ Flowable Liquid 6 ☐ Labpack
2. Describe Load Bearing Strength at 70° F: 2.1 Penetrometer PSI: 2.2 % Solids @105°C:
1 ☐ Solid / Rigid 2 ☒ Sludge 3 ☐ Weak / None N/A 13.5
3. Describe Physical Appearance of Waste (Include Color): REDISH BROWN to GREYISH BROWN 4. Apparent Density of Waste:
APPROX 2000 Lb./ Cu. Yard
5. Flash Point (TAG or Setaflash Closed Cup): 5.1 Actual Flash Pt: 5.2 Combustible:
1 ☐ 25-70° F 2 ☐ 70-100° F 3 ☐ 100-140° F 4 ☒ >140° F N/A °F 1 ☐ Yes 2 ☒ No
6. pH (10 % Slurry in Distilled Water for Solids): 6.1 Actual pH (S.U.):
1 ☐ <2.0 2 ☐ 2.0-5.0 3 ☒ 5.0-10.0 4 ☐ 10.0-12.5 5 ☐ >12.5 8.38
7. Describe Odor of Waste: 8. Describe Temperature of Waste at Time of Disposal:
1 ☒ None 2 ☐ Slight 3 ☐ Strong 1 ☒ Ambient -100° F 2 ☐ 100-140° F 3 ☐ >140° F

SECTION D - WASTE COMPOSITIONApplication # 4780PCN 1354B

1. List all components within the waste stream by percentage.
Account for 100 percent of waste in the TYPICAL % column.

| | TYPICAL % | RANGE % |
|------------------------------|-----------|---------|
| SOLIDS | 30 | 30 - 60 |
| MOISTURE | 70 | 40 - 70 |
| Waste Water Treatment Sludge | 100% | - |
| | | - |
| | | - |
| | | - |
| | | - |
| | | - |
| | | - |
| | | - |

SECTION E - ANALYTICAL REPORT

| PARAMETER | mg/Kg (Total) | mg/L (Extract) | PARAMETER | mg/Kg (Total) | mg/L (Extract) | PARAMETER | mg/Kg (Total) | mg/L (Extract) |
|------------------------------|------------------|-------------------|-----------------|------------------|-------------------|--------------------------|------------------|-------------------|
| Aluminum | | | Total Cyanide | | | Acetone | | |
| Antimony | | | Free Cyanide | | | Butanol | | |
| Arsenic | | | Total Sulfide | | | Carbon Disulfide | | |
| Barium | | | Soluble Sulfide | | | Carbon Tetrachloride | | |
| Beryllium | | | Phenolics | | | Chlorobenzene | | |
| Cadmium | | | Chloride | | | Cresols-Cresylic Acid | | |
| Chromium (hex) | | | Fluoride | | | Cyclohexanone | | |
| Chromium (tot) | | | Phosphate | | | 1,2-Dichlorobenzene | | |
| Cobalt | | | Sulfate | | | Ethyl Acetate | | |
| Copper | | | Nitrate-N | | | Ethyl Benzene | | |
| Iron | | | Nitrite-N | | | Ethyl Ether | | |
| Lead | | | Ammonia-N | | | Isobutanol | | |
| Mercury | | | Kjeldahl-N | | | Methanol | | |
| Nickel | | | Oil & Grease | | | Methylene Chloride | | |
| Selenium | | | TOC (Carbon) | | | Methyl Ethyl Ketone | | |
| Silver | | | TOX (Halogen) | | | Methyl Isobutyl Ketone | | |
| Thallium | | | PCB's | | | Nitrobenzene | | |
| Zinc | | | | | | Pyridine | | |
| SEE ATTACHED LAD ANALYSIS | | | | | | Tetrachloroethylene | | |
| | | | | | | Toluene | | |
| | | | | | | 1,1,1-Trichloroethane | | |
| Endrin | | | | | | Trichlorotrifluoroethane | | |
| Lindane | | | | | | Trichloroethylene | | |
| Methoxychlor | | | | | | Trichlorofluoromethane | | |
| Toxaphene | | | | | | Xylene(s) | | |
| 2,4-D | | | | | | | | |
| 2,4,5-TP/Silvex | | | | | | | | |

SECTION J - CERTIFICATIONApplication # 4780

PCN

1354B**1. GENERATOR CERTIFICATION STATEMENT:**

I HEREBY CERTIFY THAT AS AN AUTHORIZED REPRESENTATIVE OF THE GENERATOR NAMED HEREIN, ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TRUE AND ACCURATE. TO THE BEST OF MY KNOWLEDGE, ALL KNOWN AND SUSPECTED HAZARDOUS COMPONENTS HAVE BEEN INCLUDED IN THE DOCUMENTATION.

Steven K. Loustian MASCO CORP ENV. ENGINEER 12/23/87
 SIGNATURE Authorized Representative DATE TITLE

STEVEN K LOUSTIAN**SECTION K - DISPOSAL SITE USE ONLY**

- | | |
|--|--|
| 01. <input checked="" type="checkbox"/> Normal Operating Arrival Hours: Bulk 6:45 AM - 3:30 PM. Drums, Bags, Boxes and Special Handling 7:00 AM - 2:00 PM | |
| 02. <input checked="" type="checkbox"/> Product Code Number Must Appear on Each Manifest or Shipping Paper Required by EPA or DOT | |
| 03. <input checked="" type="checkbox"/> Bulk Disposal Charges Will be Billed by the Cubic Yard if Waste Density is Less Than 2000 Pounds per Cubic Yard | |
| 04. <input type="checkbox"/> Acceptance Ends _____; Provide Waste Minimization Data to ESOI for OEPA by _____ To Continue | |
| 05. <input checked="" type="checkbox"/> Generator Must Provide Updated Analysis <u>February</u> , 19 <u>89</u> and Annually Thereafter | |
| 06. <input checked="" type="checkbox"/> pH of a 10% Slurry of Waste in Distilled Water Must be at Least <u>5.0</u> but Less Than <u>12.5</u> by ESOI Methods | |
| 07. <input checked="" type="checkbox"/> Flash Point of Incoming Material Must be <u>140</u> °F or Greater by ESOI Methods | |
| 08. <input checked="" type="checkbox"/> Bulk: No Unauthorized Materials or Free Liquids | 22. <input type="checkbox"/> Generator Must Schedule Containers, Obtain Acc. No. |
| 09. <input checked="" type="checkbox"/> Bulk Scheduling Requirements | 23. <input type="checkbox"/> PCN Stenciled on Each Drum or Container (Top, Side) |
| 10. <input type="checkbox"/> Bulk PCN's Prohibition on Mix Without Authorization | 24. <input type="checkbox"/> Drums No Free Liquid, Void Space, Metal, < 800 Pounds |
| 11. <input type="checkbox"/> General Bulk Waste Mixing Instructions | 25. <input type="checkbox"/> Containerized Material Must be Solid, Non-flowable |
| 12. <input checked="" type="checkbox"/> Bulk Must Contain Sufficient Moisture to Suppress Dust | 26. <input type="checkbox"/> Exemption Requirements for Land Ban Waste |
| 13. <input type="checkbox"/> Woven Cloth Bags; Acceptance Requirements | 27. <input type="checkbox"/> Certify Waste Does Not Contain F001-F005 Solvents |
| 14. <input type="checkbox"/> Palletized Boxes; Acceptance Requirements | 28. <input type="checkbox"/> Participation in Monthly Analytical Survey |
| 15. <input checked="" type="checkbox"/> Material Solid, Non-flowable & Penetrometer Standard | 29. <input type="checkbox"/> Heat Generation in Contact With Water Requirements |
| 16. <input type="checkbox"/> Miscellaneous Debris 3 Feet Dimensional Limit | 30. <input type="checkbox"/> Caustic Concentration Limit Requirements |
| 17. <input type="checkbox"/> ESOI has Stds. for Odor, Temperature & Liquid Stability | 31. <input type="checkbox"/> Gas Generation in Contact With Water Requirements |
| 18. <input type="checkbox"/> Odoriferous Waste May Not be Acceptable | 32. <input type="checkbox"/> Standard Conditions for Custom Asbestos |
| 19. <input type="checkbox"/> Cyanide or Sulfide Permit Limit Requirements | 33. <input type="checkbox"/> Standard Conditions for Generic Asbestos |
| 20. <input type="checkbox"/> PCB Concentration Limit Requirements | 34. <input type="checkbox"/> Standard Conditions for Custom Labpacks |
| 21. <input type="checkbox"/> Oxidizer Concentration Limits & Isolation Requirements | 35. <input type="checkbox"/> Standard Conditions for Generic Labpacks |

1/23/88
Valley

James P. Haren 1-13-88 Technical Service Representative
 SIGNATURE DATE TITLE

SECTION L - REGULATORY AGENCY USE ONLY**1. ACCEPTANCE STATUS:**

1 ☒ ACCEPTED 2 ☐ CONDITIONAL ACCEPTANCE 4 ☐ ACCEPTANCE DENIED

2. CONDITIONS FOR ACCEPTANCE OR REASONS FOR DENIAL:

waste should not contain free liquids

Steven B Doud Ph.D. 1-14-88 OEPA-DSHWM
 SIGNATURE DATE AGENCY

3. ACCEPTANCE AMENDED:

SIGNATURE TITLE DATE AGENCY